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TITLE: Three-component laminate.  
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INVENTOR-INFORMATION:

NAME	COUNTRY
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ABSTRACT:

CHG DATE=19990617 STATUS=0> Described is a  
flame-retardant laminate (1)  
composed of at least one layer of a consolidated spunbonded  
web (2, 2'), an  
optionally consolidated laid layer of glass fibres (3) and  
a metal foil (4).  
The laid layer has a thread density of more than 0.5  
threads/cm, preferably 0.5  
to 5 threads/cm. The spunbonded, laid and metal foil

layers are joined together by a needling of about 20 - 70 stitches/cm<sup>2</sup>, preferably 20 - 50 stitches/cm<sup>2</sup>. A process for its manufacture is also described. The laminate is used for manufacturing polymer and bitumen webs, especially bituminised roofing felts and underfelts. <IMAGE>